



Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.41295VX1	SERIAL NO. 10/688,991
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT KAWAGUCHI et al	
		FILING DATE T. Hoang	GROUP 3742

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						

U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
COB1	AM 2001-345311	12/2001	Japan			Abstract	
COB1	AN 11307519	11/99	Japan			Abstract	
COB1	AO 2224232	9/90	Japan			Abstract	
COB1	AP 8078339	3/96	Japan			Abstract	
AQ							

OTHER DOCUMENTS

AR	
AS	
AT	
Examiner TU HOANG	Date Considered 02/17/05

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U.S. Department of Commerce
Patent and Trademark Office

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Group: 3742



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
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Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
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2000-323298	11/00	Japan	_____	X
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Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

TU HOANG

Date Considered 10/14/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;
Draw line through citation if not in conformance and not considered. Include copy of this form with next
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